



## Solution Chemical Kinetics

Guest Editor:

**Prof. Dr. Malcolm D'Souza**

Department of Chemistry, Wesley  
College, 120 N. State Street,  
Dover, DE 19901-3875, USA

Deadline for manuscript  
submissions:

**closed (30 September 2015)**

### Message from the Guest Editor

Dear Colleagues,

In solutions, there are enormous numbers of solvent molecules that are in constant kinetic interaction with other solute reactants and amongst themselves. The quantitative study of these coupled collisions, as a function of time, the stoichiometry of such chemical encounters, and any resultant changes in energy or in covalent and non-covalent chemical structures, is relevant, complex, and interesting to chemical, biological, and environmental systems. This IJMS Special Issue is dedicated to papers that examine the significance and enhance our basic understanding of chemical reaction kinetics, molecular reaction dynamics, and reaction mechanisms that occur in solutions.

Prof. Dr. Malcolm J. D'Souza

*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Maurizio Battino**

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI